

Appl. No. : 10/632,573
Filed : August 1, 2003

CLAIM AMENDMENTS:

WE CLAIM:

1. (Currently amended) A disinfecting article comprising:
 - a. at least one disinfectant substrate comprising:
 - i. an aqueous hypohalite releasing composition, and
 - ii an absorbent carrier; and
 - b. a packaging system dispensibly housing a single or multiple number of disinfectant substrates,
 - c. wherein said disinfectanting article maintains the stability of the hypohalite releasing composition of at least 25% after 11 days at 120⁰ F.
2. (Currently amended) The disinfecting article of Claim 1, wherein ~~the~~ said absorbent carrier ~~material~~ is impregnated with a disinfecting amount of said aqueous hypohalite releasing composition.
3. (Currently amended) The disinfecting article of Claim 1, wherein said absorbent carrier comprises a synthetic polymer substrate ~~comprising~~ selected from the group consisting of polyester, polyethylene, hydrophobically modified polyester, ~~or~~ hydrophilically modified polyester, ~~or~~ and mixtures thereof.
4. (Currently amended) The disinfecting article of Claim 1, wherein said absorbent carrier further comprises a substantially attached layer of a liquid impervious barrier, said barrier substantially attached to at least one portion of the absorbent carrier so as to provide a liquid impervious barrier between the absorbent carrier and a gripping means, wherein said liquid impervious barrier substantially prevents contact of ~~the aqueous disinfectant composition~~ said aqueous hypohalite releasing composition with said gripping means.
5. (Original) The disinfecting article of Claim 1, wherein said absorbent carrier attaches to a cleaning implement.
6. (Currently amended) The disinfecting article of Claim 1, wherein ~~the~~ said aqueous hypohalite releasing ~~compositions~~ composition comprises:
 - a. an alkali metal hypohalite,
 - b. a source of alkalinity, and

Appl. No. : 10/632,573
Filed : August 1, 2003

- c. optionally, one or more hypohalite stable adjuncts; selected from the group consisting of ~~such as~~ surfactants, hydrotropes, stabilizers, sequestrants, thickeners, rheology modifiers, tensides, phase transfer agents, wetting agents, anti-foam agents, fragrances, colorants, pigments, dyes and the like, ~~or any~~ and mixtures thereof.
7. (Currently amended) The disinfecting article of Claim 6, wherein the alkali metal hypohalite is sodium hypochlorite, and wherein the source of alkalinity ~~comprises is~~ is selected from the group consisting of sodium hydroxide, or and potassium hydroxide and mixtures thereof.
8. (Currently amended) The disinfecting article of Claim 6, wherein the alkali metal hypohalite is sodium hypochlorite, and wherein the source of alkalinity ~~comprises is~~ is selected from the group consisting of borates, polyphosphates, pyrophosphates, triphosphates, tetraphosphates, silicates, metasilicates, polysilicates, carbonates, ~~or a~~ and mixtures thereof.
9. (Currently amended) The disinfecting article of Claim 1, wherein said packaging system is adapted to securely hold a single or multiple number of disinfecting articles, and wherein ~~the storage~~ said packaging system comprises a substantially liquid impervious sealable package means.
10. (Currently amended) The disinfecting article of Claim 1, wherein said packaging system is adapted to securely hold a single or multiple number of disinfecting articles, and wherein ~~the storage~~ said packaging system comprises a substantially gas impervious sealable package means.
11. (Currently amended) The disinfecting article of Claim 1, wherein said packaging system comprises a substantially liquid impervious sealable packaging system selected from the group consisting of a pouch, a container, a tub, a or cylindrical package, or and combinations thereof, and wherein said ~~package means~~ packaging system provides for the storage of ~~a single or multiple number of~~ disinfecting articles selected from the group consisting of a single and a multiple number of articles.

Appl. No. : 10/632,573
Filed : August 1, 2003

12. (Currently amended) A method of disinfecting hard surfaces comprising treating the hard surface with a disinfecting article comprising:
 - a. an aqueous hypohalite releasing composition,
 - b. an absorbent carrier, and
 - c. a packaging system dispensibly housing a single or multiple number of disinfectant substrates, wherein said disinfectanting article maintains the stability of the hypohalite releasing composition of at least 25% after 11 days at 120° F.
13. (Currently amended) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein the said absorbent carrier ~~material~~ is impregnated with a disinfecting amount of said aqueous hypohalite releasing composition.
14. (Currently amended) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein said absorbent carrier comprises a synthetic polymer substrate ~~comprising~~ selected from the group consisting of polyester, polyethylene, hydrophobically modified polyester, ~~or~~ hydrophilically modified polyester, ~~or and~~ mixtures thereof.
15. (Currently amended) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein said absorbent carrier further comprises a substantially attached layer of a liquid impervious barrier, said barrier substantially attached to at least one portion of the absorbent carrier so as to provide a liquid impervious barrier between the absorbent carrier and a gripping means, wherein said liquid impervious barrier substantially prevents contact of ~~the~~ said aqueous ~~disinfectant~~ hypohalite releasing composition with said gripping means.
16. (Original) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein said absorbent carrier attaches to a cleaning implement.

Appl. No. : 10/632,573
Filed : August 1, 2003

17. (Currently amended) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein the aqueous hypohalite releasing compositions comprises:
- a. an alkali metal hypohalite,
 - b. a source of alkalinity, and
 - c. optionally, one or more hypohalite stable adjuncts, ~~such as~~ selected from the group consisting of surfactants, hydrotropes, stabilizers, sequestrants, thickeners, rheology modifiers, tensides, phase transfer agents, wetting agents, anti-foam agents, fragrances, colorants, pigments, dyes and the like, ~~or any~~ and mixtures thereof.
18. (Currently amended) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 17, wherein the alkali metal hypohalite is sodium hypochlorite, and wherein the source of alkalinity ~~comprises~~ is selected from the group consisting of sodium hydroxide, ~~or~~ potassium hydroxide, and mixtures thereof.
19. (Currently amended) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 17, wherein the alkali metal hypohalite is sodium hypochlorite, and wherein the source of alkalinity ~~comprises~~ is selected from the group consisting of borates, polyphosphates, pyrophosphates, triphosphates, tetraphosphates, silicates, metasilicates, polysilicates, carbonates, ~~or a~~ and mixtures thereof.
20. (Currently amended) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein said packaging system is adapted to securely hold a single or multiple number of disinfecting articles, and wherein ~~the storage~~ said packaging system comprises a substantially liquid impervious sealable package means.
21. (Currently amended) A method of disinfecting hard surfaces comprising treating the hard surface with ~~T~~the disinfecting article of Claim 12, wherein said packaging system is adapted to securely hold a single or multiple number of disinfecting articles, and wherein

Appl. No. : 10/632,573
Filed : August 1, 2003

~~the storage~~ said packaging system comprises a substantially gas impervious sealable package means.

22. (Currently amended) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein said packaging system comprises a substantially liquid impervious sealable packaging system selected from the group consisting of a pouch, a container, a tub, or a cylindrical package, or and combinations thereof, and wherein said packaging means system provides for the storage of a single or multiple number of disinfecting articles.
23. (Currently amended) A hypochlorite disinfecting wipe with improved stability that provides superior germ-killing disinfection against Staphylococcus aureus within 30 seconds on surfaces selected from the group consisting of such as countertops, floors, beds, walls, doorknobs, toilet seats, and combinations thereof ~~the like~~.